

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32872	Uv near3 absorber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:25
S2	17598	S1 and acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:27
S3	8403	S2 and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:28
S4	6176	S3 and (molecular near3 weight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:28
S5	1987	S4 and siloxane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:29
S6	3615	S2 and siloxane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:51
S7	675	S6 and (microsphere or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:52
S8	142	"5853809"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 15:01
S9	9	"6103370"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 15:23
S10	516	S1 and (ionizing near3 radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 15:38

S11	46	S10 and (microsphere or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 15:38
S12	64881	Uv near3 absorb\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 16:23
S13	1937	S12 and (ionizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 16:25
S14	210	S13 and (microsphere or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 16:26
S15	164	S14 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 16:26
S16	5303	S12 and (electron near3 beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 16:31
S17	626	S16 and (microsphere or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 16:31
S18	2	"US 20090042017"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/03/24 16:33
S19	1541	S16 and micron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 16:51
S20	1307	S19 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 16:51
S21	69582	(ultraviolet or (ultra near3 violet)) near3 absorb\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:29
S22	64881	Uv near3 absorb\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:30
S23	54011	S21 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:30

S24	1612	S23 and (microsphere or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:31
S25	700	S24 and (siloxane or silicone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:31
S26	168	S25 and (electron near3 beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:37
S27	241	S24 and (electron near3 beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:41
S28	1937	S22 and (ionizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:46
S29	210	S28 and (microsphere or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:46
S30	5	((KEIICHI) near2 (KITAHAARA)).INV.	US-PGPUB; USPAT	OR	ON	2009/03/25 08:55
S31	64	((MASATO) near2 (SAITO)).INV.	US-PGPUB; USPAT	OR	ON	2009/03/25 08:55
S32	8	((MASUJO) near2 (KOYAMA)).INV.	US-PGPUB; USPAT	OR	ON	2009/03/25 08:55
S33	26	((YOSHIHISA) near2 (KIMURA)).INV.	US-PGPUB; USPAT	OR	ON	2009/03/25 08:56
S34	88	S30 or S31 or S32 or S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 08:56
S35	5303	S22 and (electron near3 beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 10:53
S36	626	S35 and (microsphere or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 10:53
S37	1541	S35 and micron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 10:53

S38	1307	S37 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 10:53
S39	538	S38 and (benzophenone or benzotriazole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 10:53
S40	4009	((anti near3 block\$4) or antiblock\$4) and (S21 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:08
S41	621	S40 and ((electron near3 beam) or ionizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:09
S42	204	S41 and (spher\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:53
S43	917	(anti near3 glare) and (spher\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 13:15
S44	123	(anti near3 glare) same (spher\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 13:15
S45	32872	Uv near3 absorber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 14:07
S46	17598	S45 and acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 14:07
S47	3615	S46 and siloxane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 14:07
S49	11496	(S21 or S22) and ((electron near3 beam) or ionizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 14:15
S50	310	(anti near3 glare) and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 14:16
S51	7378	(Uv near3 absorber) same amount	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/03 12:14

S52	787	(Uv near3 absorber) same amount same optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/03 12:14
S53	236	S52 not (optical near3 brightener)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/03 12:15
S54	128	{"2592311"   "2835649"   "2955128" "2968643"   "2999835"   "3028365" "3169121"   "3230194"   "3334154" "3391109"   "3574617"   "3616367" "3629165"   "3642681"   "3707397" "3708225"   "3759807"   "3835003" "3840448"   "3865588"   "3926641" "3944702"   "3966573"   "3968305" "3968309"   "3976497"   "3981897" "3986997"   "4026826"   "4027073" "4073967"   "4089763"   "4101513" "4105518"   "4113592"   "4122233" "4131529"   "4136102"   "4156035" "4177122"   "4177315"   "4181752" "4188224"   "4188451"   "4188455" "4198465"   "4201808"   "4222835" "4230550"   "4235954"   "4246038" "4250203"   "4265723"   "4274933" "4278804"   "4298738"   "4310600" "4315970"   "4339474"   "4344830" "4348462"   "4372835"   "4384026" "4439494"   "4455205"   "4472021" "4474857"   "4478876"   "4486504" "4491508"   "4511596"   "4587346" "4636408"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 09:29

		"4644077"   "4691059" "4721734"   "4822665"   "4863802" "4902724"   "4902725"   "4914143" "4946531"   "4973612"   "5075348" "5112890"   "5124378"   "5126394" "5141990"   "5162390"   "5214085" "5227240"   "5242719"   "5248805" "5258225"   "5318850"   "5369140" "Re27281").PN. OR ("5559163").URPN.				
S65	3	"20040241469"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 10:33
S66	3587	((matting near3 agent) and spherical and amount	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 11:06
S67	546	((matting near3 agent) same spherical) and amount	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 11:41
S68	81	((matting near3 agent) same spherical) same amount	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 11:42
S69	125	S67 not (silver near3 halide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 11:43
S60	7	((matte near3 agent) same spherical) same amount	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 12:13
S61	66	((matte ) same spherical) same amount	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 12:13
S62	125	(hazy or diffuse) same silica same spher\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 12:20
S63	16	(hazy or diffuse or matte or matting) and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 12:25

S64	6	((KEIICHI) near2 (KI TAHARA)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/04 13:21
S65	66	((MASATO) near2 (SAI TO)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/04 13:21
S66	10	((MASUO) near2 (KOYAMA)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/04 13:21
S67	29	((YOSHIIHISA) near2 (KI MURA)).INV.	US-PGPUB; USPAT	OR	ON	2009/08/04 13:21
S68	92	S64 or S65 or S66 or S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 13:21
S69	3140	((matting near3 agent) same silica) and amount	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 13:27
S70	715	((matting near3 agent) same silica) same amount	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 13:31
S71	1020	S69 not (silver near3 halide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 13:32
S72	209	S70 not (silver near3 halide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 13:32
S73	43	"4636408"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 15:04
S74	9	("4315848"   "4322455"   "4323597"   "4382109"   "4402983"   "4404257"   "4410594"   "4413075"   "4555538").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:11
S75	78	"3309220"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:13
S76	1647	tinuvin\$3 near3 "328"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:14
S77	186	S76 same (percentage or amount)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/04 15:14
S78	21172	benzophenone and ultraviolet and (molecular near3 weight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 10:22

S79	647	benzophenone same ultraviolet same (molecular near3 weight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 10:22
S80	8308	(benzophenone same ultraviolet) and (molecular near3 weight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 10:24
S81	27	"5362881"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 10:24
S82	6	((KEIICHI) near2 (KI TAHARA)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/04 12:07
S83	69	((MASATO) near2 (SAI TO)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/04 12:07
S84	10	((MASUJO) near2 (KOYAMA)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/04 12:07
S85	30	((YOSHIHI SA) near2 (KI MURA)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/04 12:07
S86	96	S82 or S83 or S84 or S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/04 12:07
S87	7	((KEIICHI) near2 (KI TAHARA)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/18 10:18
S88	77	((MASATO) near2 (SAI TO)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/18 10:18
S89	15	((MASUJO) near2 (KOYAMA)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/18 10:18
S90	34	((YOSHIHI SA) near2 (KI MURA)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/18 10:18
S91	107	S87 or S88 or S89 or S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/18 10:18
S92	7	((KEIICHI) near2 (KI TAHARA)).INV.	US-PGPUB; USPAT	OR	ON	2011/03/04 15:39
S93	81	((MASATO) near2 (SAI TO)).INV.	US-PGPUB; USPAT	OR	ON	2011/03/04 15:39
S94	15	((MASUJO) near2 (KOYAMA)).INV.	US-PGPUB; USPAT	OR	ON	2011/03/04 15:39
S95	35	((YOSHIHI SA) near2 (KI MURA)).INV.	US-PGPUB; USPAT	OR	ON	2011/03/04 15:39
S96	112	S92 or S93 or S94 or S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/03/04 15:39



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